

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-48 (canceled)

Claim 49. (previously presented) A nonaqueous-electrolyte battery comprising:
a unit cell comprising positive and negative electrodes and positive and negative electrode terminal leads that are electrically connected to said respective electrodes and extend outwardly from said unit cell, where burrs are formed in the negative electrode terminal lead;
a sealant resin coatingly applied to at least a portion of each of said electrical terminal leads along a periphery of each of said electrical leads so as at least a portion of said sealant resin has an uneven shape;
a battery case comprising a laminate layer that encloses said unit cell by heat welding at least a portion of said laminate layer so as to form a heat weld layer, said heat weld layer sealingly enclosing said unit cell by contacting said sealant resin so as at least a portion of each of said electrode terminal leads extends outwardly from said heat weld layer.

Claims 50-51 (canceled)

Claim 52. (currently amended) A nonaqueous-electrolyte battery according to claim ~~51~~ 49 wherein said sealant resin comprises a single heat welding resin.

Claim 53. (previously presented) A nonaqueous-electrolyte battery according to claim 52 wherein said heat welding resin is selected from the group consisting of at least one of polyolefin, ethylene-acrylate copolymer, ethylene-methacrylate copolymer, ionomer resin and carboxylic resin.

Claim 54. (previously presented) A nonaqueous-electrolyte battery according to claim 53 wherein said polyolefin is an acid denatured polyolefin.

Claim 55. (currently amended) A nonaqueous-electrolyte battery according to claim ~~54~~ 49 wherein said sealant resin is a multilayer sealant resin that is formed by combining a heat welding resin and a resin that has a resin melting point which is higher than a heat welding resin melting point of said heat welding resin.

Claim 56. (previously presented) A nonaqueous-electrolyte battery according to claim 55 wherein said heat welding resin melting point and said resin melting point have a difference of 22°C or greater.

Claim 57. (previously presented) A nonaqueous-electrolyte battery according to claim 55 wherein said heat welding resin is selected from the group consisting of at least one of polyolefin, ethylene-acrylate copolymer, ethylene-methacrylate copolymer, ionomer resin and carboxylic resin, and wherein said resin is selected from the group consisting of at least one of polyimide, polyamide, and polyester.

Claim 58. (previously presented) A nonaqueous-electrolyte battery according to claim 57 wherein said polyolefin is an acid denatured polyolefin.

Claim 59. (previously presented) A nonaqueous-electrolyte battery according to claim 55 wherein said sealant resin comprises a base material that includes a resin, said resin has a resin melting point that is higher than a heat welding resin melting point of said heat welding heat resin, said heat welting resin being formed on each of a first and second side of said base material.

Claim 60. (previously presented) A nonaqueous-electrolyte battery according to claim 55 wherein said heat welding resin is applied by coating.

Claim 61. (currently amended) A nonaqueous-electrolyte battery according to claim ~~54~~ 49 wherein said sealant resin comprises a sealant resin thickness that ranges from 10µm to 500µm.

Claim 62. (currently amended) A nonaqueous-electrolyte battery according to claim ~~51~~
49 wherein said unit cell comprises at least one of a gel electrolyte and a solid electrolyte that
each contain a matrix polymer and a lithium salt.

Claim 63. (currently amended) A nonaqueous-electrolyte battery according to claim ~~51~~
49 wherein said unit cell comprises a negative electrode that contains a negative electrode
material so as to permit doping and dedoping of lithium.

Claim 64. (previously presented) A nonaqueous-electrolyte battery according to claim 63
wherein said negative electrode material comprises a carbon material.

Claim 65. (currently amended) A nonaqueous-electrolyte battery according to claim ~~51~~
49 wherein said unit cell comprises a positive electrode that contains a composite oxide of
lithium and a transition metal.